

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001855

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B30B 15/06, B30B 1/32

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B30B, B27D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003188643 A1 (LUDWIG MUSSE), 9 October 2003 (09.10.2003), paragraph (0035) - (0044); figure 1-4,6,7 --	1-12
X	DE 10043030 A1 (MASCHINENFABRIK J. DIEFFENBACHER GMBH & CO.), 21 March 2002 (21.03.2002), column 1, paragraph (0004) (0005); figures 1,2 --	1-4,12
X	DE 1703297 A (FA. CARL FREUDENBERG), 17 February 1972 (17.02.1972), page 7, last paragraph - page 9, paragraph 1; figures 1,2 --	1,2,4,12

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

15 February 2005

Date of mailing of the international search report

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. + 46 8 666 02 86

Authorized officer

Anders Brinkman / MRO  
Telephone No. + 46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001855

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 19937694 A1 (G. SIEMPELKAMP GMBH & CO.), 22 February 2001 (22.02.2001), column 2, line 3 - line 7; column 2, line 38 - line 42; column 3, line 54 - column 4, line 13, figures 1-3 --	1-6,12
A	DE 1195480 B (EUGEN SIEMPELKAMP), 24 June 1965 (24.06.1965), column 1, line 8 - line 15; column 4, line 19 - line 48, figures 1-2C --	1,12
A	US 3619310 A (KENNETH CLARKE), 12 November 1971 (12.11.1971), column 8, line 15 - line 27, figure 9, abstract -----	5

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

30/01/2005

International application No.

PCT/SE 2004/001855

US	20030188643	A1	09/10/2003	DE	10246872	A	06/11/2003
				US	6752901	B	22/06/2004
DE	10043030	A1	21/03/2002	NONE			
DE	1703297	A	17/02/1972	NONE			
DE	19937694	A1	22/02/2001	NONE			
DE	1195480	B	24/06/1965	NONE			
US	3619310	A	12/11/1971	US	3806104	A	23/04/1974